

Confederated Tribes of Warm Springs Emergency Response Plan for Public Drinking Water Systems

August 2019

DRAFT 2019.08.12

AWS Plan. Respondent must develop an Alternative Water Supply Plan (AWSP) wherein Respondent details how and where it will provide at least two liters of potable water per day, per person. This per person daily allotment of alternate water must be made accessible to all persons served by the System. Additionally, the AWSP will outline how it plans to inform every person served by the System when an alternate water supply is made available. Respondent shall designate the contact information (e.g. phone number, email address) of Respondent's designated employee or agent for anyone served by the System who may have questions about the availability of the alternate water supply. Respondent may opt, as part of its AWSP, to provide an alternate water supply that is: 1) provided by a licensed water distributor, 2) purchased bottle water, or 3) provided by another public water system that meets the requirements of the SDWA. Any alternate water supply shall be made available at no cost to all users of the System as needed for drinking, cooking, oral hygiene, and dish washing until safe drinking water service is restored to affected users of the System. Within 30 calendar days of the Effective date of this Order, Respondent shall submit the AWSP to EPA for review and approval.

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Section 1. System Information

System Identification Number	ID # 4101247
System Name & Address	Warm Springs Water System 2252 Rehab Street, Warm Springs, OR 97761
Directions to System	From Hwy. 26, take Route 3 north then take a right on to dirt road E-130 and go to the end.
Basic description and Location of System Facilities	From US Hwy 26 and BIA Rte 3, proceed north on BIA Rte 3 for 3.1 miles and then turn right on to the E-130/Dry Creek campground road and proceed for 1.82 miles. LAT=44.78550278, LONG=-121.200064
Location/Town	Warm Springs Indian Reservation Warm Springs, OR
Population Served and Service Connections from Division of Drinking Water Records	3, 800 people 1,151 connections
System Owner	Confederated Tribes of Warm Springs, Oregon
Name, Title, and Phone of Person Responsible for Maintaining and Implementing the Emergency Plan	Travis Wells, General Manager, Branch of Public Utilities w: 541-553-3246 (general) w: 541-553-3452 (desk) w: 541-460-1262 (cell)
Location of treatment and distribution schematics and operations manuals	Warm Springs Water Treatment Facility

Section 2. Chain of Command - Lines of Authority

The **first response step** in any emergency is to inform the person at the top of the list, who is responsible for managing the emergency and making key decisions.

Name & Title	Responsibilities During an Emergency	Contact Numbers
Alyssa Macy Chief Operations Officer	Distribution of info to Tribal Council and public; assisting with budget issues	w: 541-553-3212 w: 541-553-3410 (desk) w: 541-460-2153 (cell)
Travis Wells General Manager Branch of Public Utilities	Logistics	w: 541-553-3246 (general) w: 541-553-3452 (desk) w: 541-460-1262 (cell)
Chico Holliday Water/Wastewater Supervisor Branch of Public Utilities	Plan implementation	w: 541-553-3246 (general) w: 541-615-0962 (desk) w: 541-460-2707 (cell)
Danny Martinez Emergency Manager, Branch of Public Safety	Coordination of emergency resources	w: 541-615-3345 (desk) w: 541-419-8094 (cell)

Section 3. Events that Cause Emergencies

Type of Event	Probability or Risk (High - Med - Low)	Comments
Wildland fire	High	Wildland fire risk is typically high in the summer
Wind & thunder storms	High	System is vulnerable to power failures
Ice storms & snow	High	Winter snowfall has caused damage to the roof at facility in the past
System neglect	High	Years of deferred maintenance are causing system areas to fail
Cross connection	Medium	Need to complete cross connection program.
Flood	Medium	System is located near small stream
Drought	Medium	High usage during summer months, need to implement water conservation efforts
Construction accident	Medium	Due to lack of available as-built plans, construction crews may damage lines
Vandalism	Medium	Increased vandalism in community, should upgrade camera/alarm systems as budget allows
Terrorism	Low	Schedule training with staff on awareness of this vulnerability

Section 4. Emergency Notification

Notification call-up lists: Use these lists to notify first responders of an emergency.

Emergency Notification List				
Org. or Dept.	Name & Position	Telephone	Night or Cell Phone	Email
Local Law Enforcement	Ron Gregory Acting Chief of Police	w: 541-777-2961 Dispatch: 541-553-1171	c: 541-460-2271	ron.gregory@wstri bes.org
Fire Dept.	Karla Tias Fire Chief	w: 541-553-1634 Dispatch: 541-553-1171	c: 541-408-0349	karla.tias@wstribe s.org
Emergency Medical Services	Karla Tias Fire Chief	W: 541-553-1634	C: 541-408-0349	karla.tias@wstribe s.org
Water Operator (If contractor)				
EPA Contact	Ricardi Duvil EPA Environmental Engineer	W: 206-553-2578		duvil.ricardi@epa.gov
Hazmat Hotline	Karla Tias Fire Chief	W: 541-553-1634	C: 541-408-0349	karla.tias@wstribe s.org
Interconnected Water System	N/A	N/A	N/A	N/A
Neighboring Water System (if connected)				
RCAP Contact				
Rural Water Contact				

Priority Customers				
Org. or Dept.	Name & Position	Telephone	Night or Cell	Email

			Phone	
Hospital or Clinic(s)	Michele K. Miller Acting CEO	w: 541-553-6275	c: 541-350-4223	Michele.Miller@ih.s.gov
Public or Private Schools	Ken Parshall Superintendent	w: 541-475-6192	c: 503-939-4208	kparshall@509j.net
Youth Program: Boys & Girls Club	June Smith			jsmith@bgcsc.org
Wastewater Treatment Plant	Chico Holliday Water/Wastewater Supervisor	W: 541-553-3246 (general) W. 541-615-0962 (desk)	W. 541-460-2707 (cell)	chico.holliday@ws.tribes.org
Adult Care Facility: High Lookie Lodge	Jolene Greene Director	w: 541-553-1182	c: 541-410-2638	Jolene.greene@ws.tribes.org
Adult Care Facility: WS Senior Program	Wilson Wewa	w: 541-553-3313	c: 541-460-8712	wilson.wewa@ws.tribes.org
Tribal Dept: WS Housing Authority	Danielle Wood Director	w: 541-553-3250	c: 541-777-1499	danielle.wood@ws.ha.us
Local Business: WS Composites	Jake Coochise CEO	w: 541-553-1143	c:	jcoochise@wscp.com
Local org: WS Community Action Team	Chris Watson Executive Director	w: 541-553-3148	c: 202-256-1187	chris@wscat.org
Local business: WS Ventures	Leslie Davis Acting CEO	w: 541-553-3207	c: 541-325-2868	leslie.cochran@ws.tribes.org
Local business: WS Telcomm	Tim York	w: 541-553-3565	c:	tim.york@warmspringstelecom.com
Local business: WS Credit	Lori Fuentes	w: 541-553-3201	c:	lori.fuentes@ws.tribes.org
Local Business: Indian Head Casino	Jeff Carstensen General Manager		c: 505-918-6081	jcarstensen@indianheadgaming.com
Local Business: Museum at Warm Springs	Liz Woody Executive Director	w: 541-553-3331	c:	liz@museumatwarmsprings.org

Local Business: WS Market	Terry Macy	w: 541-553-	c: 541-480-6919	terrymacy@yahoo.com
Local Business: DMJ/Shell Station	Delford Johnson	w: 541-553-3282		jet0057moto@yahoo.com
Local Business: US Post Office	Karla Hawes	w: 541-553-1377		karla.r.hawes@usps.gov
Bureau of Indian Affairs	Lori Anderson Superintendent	w: 541-553-2437	c:	lori.anderson@bia.gov

State, Federal or Tribal Notification List				
Org. or Dept.	Name & Position	Telephone	Night or Cell Phone	Email
State or Tribal Police	Ron Gregory Acting Chief of Police	w: 541-777-2961 Dispatch: 541-553-1171	c: 541-460-2271	ron.gregory@wstribes.org
Regulatory Agency State/Federal/Tri bal	Ricardi Duvil EPA Environmental Engineer	w: 206-553-2578		duvil.ricardi@epa.gov
Authorized Testing Laboratory	Umpqua Research Dan Phillips Manager	w: 541-312-9454		dphillips@urcmail.net

Service / Repair Notifications				
Org. or Dept.	Name & Position	Telephone	Night or Cell Phone	Email
Electric Utility Co.	Pacific Power & Light	1-877-508-5088		
Electrician	Tamera Calhoun	W: 541-553-3246	C: 541-588-0619	tamera.calhoun@wstribes.org
Gas/Propane Supplier	Northern Energy			
Water Testing Lab	Umpqua Research	w: 541-312-9454		dphillips@urcmail.net

	Dan Phillips Manager			
Sewer Utility Co.	Chico Holliday Water/Wastewater Supervisor	W: 541-553-3246 (general) W. 541-615-0962 (desk)	W. 541-460-2707 (cell)	chico.holliday@ws-tribes.org
Telephone Co.	Warm Springs TelCo			
Plumber	Crooked River Advanced Plumbing			
Pump Supplier	Waddel Electric			
"Call Before You Dig"	Oregon Utility Notification	Online: https://digsafelyor-egon.com/ W: 1-800-332-2344		
Rental Equipment Supplier	Bullet Rental			
Chlorine Supplier	Bishop Tires			
Other Chemical Supplier	Cascade Columbia			
Well Drilling Co.	Abbas			
Pipe Supplier	H.D. Fowler			

Media Notification List				
Org. or Dept.	Name & Position	Telephone	Night or Cell Phone	Email
Newspaper - local	Dave McMechan Editor	w: 541-553-2210		dave.mcmecan@ws-tribes.org
Newspaper - Regional/State/Tribal	Holly Gill, Madras Pioneer	w: 541-475-2275		hgill@madraspioneer.com
Radio	Sue Matters	w: 541-553-1968	c: 541-460-2255	sue.matters@wstr

	KWSO			ibes.org kwsoneews@wsribes.org
TV Station	KTVZ 21	Newsroom: 541-617-6231		stories@ktvz.com

Notification Procedures

Notify water system customers of potential water shortage

Who is responsible:	Water/Wastewater (W/WW) Supervisor, Branch of Public Utilities; General Manager, Branch of Public Utilities; Chief Operations Officer (COO)
Procedures:	<p>The W/WW Supervisor is ultimately responsible for making the decision to notify customers regarding a potential water shortage and the need for water use restrictions. The W/WW Supervisor should consult with field staff to make the decision and coordinate with COO to develop and disseminate information.</p> <ul style="list-style-type: none"> • W/WW Supervisor confers with key staff to verify problems. • W/WW Supervisor consults with EPA drinking water staff regarding the problem. • W/WW Supervisor works with BPU GM, COO to develop the message to be delivered to agencies. • W/WW Supervisor works with BPU GM, COO to prepare door hangers, signs, and radio message. • Water system operator continues to investigate problems and make repairs as necessary. • The water shortage notification will be distributed by COO as follows: <ul style="list-style-type: none"> ○ All tribal employees can be sent an email from Executive Management staff. This email has been used to provide water updates and locations for water distribution. ○ Social media, primarily Facebook, is utilized to distribute information to the public on water updates and locations for water distribution. Facebook pages that the Tribe utilizes include Confederated Tribes of Warm Springs (@CTWSO); KWSO (@KWSOnews) and the Spilyay Tymoo (@SpilyayTymoo). These pages connect to: <ul style="list-style-type: none"> ■ CTWSO 3,866 “likes”, 3,983 “follows” ■ KWSO 4,189 “likes”, 4,239 “follows” ■ Spilyay Tymoo 3,373 “likes”, 3,409 “follows” ○ KWSO 91.9 FM radio has the ability to provide daily updates on water distribution locations and times. They also do written updates on their Facebook page. ○ An emergency text message system is in place and can be used to send short (140 characters) messages regarding water outages and distribution. ○ Water distribution to vulnerable populations is ensured by:

	<ul style="list-style-type: none"> ■ Health and Human services staff been delivering directly to seniors and those with disabilities ■ Water being delivered to High Lookee Lodge, Transitional Home and Corrections ■ It is assumed for those who do not access social media, or do not have computers or phones are known by community members and other family members are delivering water or the CHR's know who they are and water is being delivered to their households. <ul style="list-style-type: none"> ● Water system operators continuously updates the W/WW Supervisor on water shortage. ● Once water shortage is resolved, re-notify customers.
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Alert local law enforcement, state, federal, or tribal drinking water officials, and local health agencies

Who is responsible:	Water/Wastewater (W/WW) Supervisor, Branch of Public Utilities; General Manager, Branch of Public Utilities
Procedures:	The W/WW Supervisor will notify primary agency concerning emergencies and seek guidance on consulting other agencies.

Contact service and repair contractors

Who is responsible:	Water/Wastewater (W/WW) Supervisor
Procedures:	Contact proper service industries to authorize repairs and conduct work and investigation of water issues.

Contact neighborhood water systems, if necessary

Who is responsible:	Water/Wastewater (W/WW) Supervisor
Procedures:	Contact Deschutes Valley Water, Edson Pugh, General Manager (541) 475-3849

Procedures for issuing a health advisory

Who is responsible:	Water/Wastewater (W/WW) Supervisor, Branch of Public Utilities; General Manager, Branch of Public Utilities
Procedures:	Contact EPA, Ricardi Duvil EPA Environmental Engineer, w: 206-553-2578, e: duvil.ricardi@epa.gov

Other procedures as necessary

Who is responsible:	Water/Wastewater (W/WW) Supervisor, Branch of Public Utilities; General Manager, Branch of Public Utilities
Procedures:	Contact Tribal Emergency Manager on issue. Danny Martinez,

Section 5

Effective Communication

Communication with customers, the news media, and the general public is a critical part of emergency response.

Designated public spokesperson

Designate a spokesperson (and alternate) and contact your local primary agency for delivering messages to the news media and public.

Spokesperson	Alternate
Alyssa Macy, Chief Operations Officer	Travis Wells, General Manager, Branch of Public Utilities

Health Advisories

Health advisories During events when water quality and human health are in question, it may be necessary to issue a health advisory that gives advice or recommendations to water system customers on how to protect their health when drinking water is considered unsafe. These advisories are issued when the health risks to the consumers are sufficient, in the estimation of the water system, state or tribal, or local health officials, to warrant such advice. Health advisories usually take the form of a drinking water warning or boil water advisory. Communication during these times is critical. Health advisories should always be well thought out and provide very clear messages. The U.S. Environmental Protection Agency has put together a number of tools, including fact sheets, brochures, forms, and templates to help prepare for a health advisory. These are on the web at: <http://www.epa.gov/safewater/pn.html>

Section 6. Response Actions for Specific Events

In any event, there are a series of general steps to take:

1. Analyze the type and severity of the emergency;
2. Take immediate actions to save lives;
3. Take action to reduce injuries and system damage;
4. Make repairs based on priority demand, and
5. Return the system to normal operation.

The following tables identify the assessment, set forth immediate response actions, define what notifications need to be made, and describe important follow-up actions

A. Power Outage

Assessment	The WS Water System is vulnerable to power outages, experiencing an average of ten outages per year that last at least one hour. The system does not have a back-up generator but has a connection so that a generator can be rented and plugged into the system. Most of the time, storage is able to supply the system for several hours until power is restored.
Immediate Actions	<ol style="list-style-type: none"> 1. Assess whether the outage is likely to last more than 6 hours. If no, be on alert for changing conditions and monitor storage tanks. If yes, complete the following steps: <ol style="list-style-type: none"> a. Obtain generator if available. b. Connect generator to system and resume operations. c. Implement water shortage response actions to inform customers to cut back on water usage until power is restored.
Notifications	<ol style="list-style-type: none"> 1. Power company - let them know that a public water system is experiencing an outage and the generator will be turned on until power is restored. 2. Customers - through media notification protocol, notify customers to cut back on water usage until power is restored.
Follow-up Actions	<ol style="list-style-type: none"> 1. Turn off and disconnect back-up generator (if rented). 2. Return system to general power supply. 3. Inspect reservoirs and pumping facilities to ensure proper operation. 4. Update ERP as needed.

B. Distribution line break

Assessment	Distribution system due to age and system pressure is subject to frequent
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	breakage.
Immediate Actions	Direct distribution operators to repair line break.
Notifications	<ol style="list-style-type: none"> 1. Regulatory Agency - W/WW Supervisor will notify primary agency concerning water line break to determine if boil water notice must be issued. 2. Customers - through media notification protocol, notify customers of line break, anticipated low water pressure/water outages, and if applicable, boil water notice.
Follow-up Actions	<ol style="list-style-type: none"> 1. Disinfection and sampling of water line after placing back in service. 2. Customers - through media notification protocol, notify customers of lifting of boil water notice. 3. Update ERP as needed.

C. Chlorine treatment equipment failure

Assessment	Operator determines severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Isolate equipment and repair or replace. 2. In case of chlorine release, restrict access to area until completion of cleanup. 3. Ensure cleanup is conducted by trained personnel only. Wear adequate personal protective equipment. 4. Remove all combustible and flammable materials. 5. Ventilate area. 6. Consult MSDS before any clean up efforts begin. 7. Once cleanup is completed, proceed with repair or replacement of equipment. 8. Test for chlorine residual at normal sampling points and in water storage. 9. As indicated by tests, dose water in storage with chlorine, flush system, or both.
Notifications	Local government occupational safety and health agency and environmental authorities if spill occurs.
Follow-up Actions	<ol style="list-style-type: none"> 1. Retest for residual chlorine and microbial contamination. 2. Update ERP as needed.

D. Treatment equipment

Assessment	Operator determines severity of incident.
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Immediate Actions	<ol style="list-style-type: none"> 1. Isolate equipment and repair or replace. 2. Consult manufacturer's guidance documents for equipment, troubleshoot and repair options. 3. Test treated water for normal treatment performance parameters. 4. If treated water is off-spec do not send to treated storage.
Notifications	<ol style="list-style-type: none"> 1. Local primary agency if inadequate treatment is found. 2. Public notification as per guidance from the local primary agency, and in accordance of the Safe Drinking Water Act.
Follow-up Actions	<ol style="list-style-type: none"> 1. Notify public as per guidance from the local primary agency and send a copy of them in accordance with the Safe Drinking Water Act. 2. Update ERP as needed.

E. Source pump failure

Assessment	Operator determines severity of incident.
Immediate Actions	Restart pump and check control panel for causes, have electrician review controls and pump starter, repair or replace pump if required.
Notifications	Customers - through media notification protocol, notify customers of water conservation efforts needed.
Follow-up Actions	<ol style="list-style-type: none"> 1. Report completion of repairs to W/WW Supervisor. 2. Notification of customers when pump is repaired and water service is back to normal. 3. Update ERP as needed.

F. Microbial (coliform, E. coli) contamination

Assessment	Operator determines severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Conduct follow up sampling per sampling plan. 2. Disinfect system through storage reservoirs and flushing system through blow offs/hydrants throughout the system. 3. Measure for chlorine residual and re-sample for bacteria.
Notifications	Public notification as per guidance from the local primary agency, and in accordance of the Safe Drinking Water Act.
Follow-up Actions	<ol style="list-style-type: none"> 1. Send notice to local primary agency in accordance with the Safe Drinking Water Act. 2. Update ERP as needed.

G. Chemical contamination

Assessment	Operator determines severity of incident along with Warm Springs Fire Department.
Immediate Actions	<ol style="list-style-type: none"> 1. Call Warm Springs Police Department Dispatch. 2. Call Warm Springs Fire Department office. 3. Notify local primary agency if necessary. 4. Assess damage and take necessary action to fix or repair damage.
Notifications	Public notification as per guidance from the local primary agency, and in accordance of the Safe Drinking Water Act.
Follow-up Actions	<ol style="list-style-type: none"> 1. Send notice to local primary agency in accordance with the Safe Drinking Water Act. 2. Update ERP as needed.

H. Vandalism or terrorist attack

Assessment	Operator determines severity of incident along with Warm Springs Police Department.
Immediate Actions	<ol style="list-style-type: none"> 1. Call Warm Springs Fire Department office. 2. Notify local primary agency if necessary. 3. Assess damage and take necessary action to (a) fix or repair damage, (b) provide additional protection against future actions, (c) notify residents to watch for future actions.
Notifications	If determined necessary contact local law enforcement and local primary agency.
Follow-up Actions	<ol style="list-style-type: none"> 1. Completion of repairs and return system to normal. 2. Report completion of repairs to W/WW Supervisor. 3. Update ERP as needed.

I. Reduction or loss of water in the well

Assessment	Operator determines severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Monitor well production and check for system leaks or increased

	<p>demand on water system that could cause well stress.</p> <ol style="list-style-type: none"> 2. Check water level in well through air line and record measurement and trends.
Notifications	<ol style="list-style-type: none"> 1. Customers - through media notification protocol, notify customers of loss of water in well, anticipated low water pressure/water outages. 2. If necessary, use Distribution Operators to notify residents to curtail water usage to inside use only until problem is solved.
Follow-up Actions	<ol style="list-style-type: none"> 1. Completion of repairs and return system to normal. 2. Report completion of repairs to W/WW Supervisor. 3. Notification of customers when well issue is resolved and water service is back to normal. 4. Update ERP as needed.

J. Drought

Assessment	<ol style="list-style-type: none"> 1. Operator reviews well production and system trends. 2. Static water level measurements show declines in water levels in wells.
Immediate Actions	<ol style="list-style-type: none"> 1. Customers - through media notification protocol, notify customers water shortages and implementation of water conservation efforts..
Notifications	<ol style="list-style-type: none"> 1. Customers - through media notification protocol, notify customers of loss of water in well, anticipated low water pressure/water outages. 2. If necessary, use Distribution Operators to notify residents to curtail water usage to inside use only until problem is solved.
Follow-up Actions	<ol style="list-style-type: none"> 1. Report completion of repairs to W/WW Supervisor. 2. Notification of customers when water service is back to normal. 3. Update ERP as needed.

K. Flood

Assessment	Operator determines severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Once flood has receded, operator will assess flood damage. 2. Public Utilities staff will repair facilities as needed.
Notifications	Activates notification system if necessary.
Follow-up Actions	<ol style="list-style-type: none"> 1. Completion of repairs and return system to normal. 2. Report completion of repairs to W/WW Supervisor. 3. Notification of customers when well issue is resolved and water service

	<p>is back to normal.</p> <p>4. Update ERP as needed.</p>
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L. Earthquake

Assessment	Operator will assess all sources, transmission and distribution lines, and storage facilities to determine severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Inspect well and pump house equipment, wellhead for damage or evidence of contamination, piping, valves meters for damage, chemical feed equipment function.
Notifications	<ol style="list-style-type: none"> 1. Local primary agency if inadequate treatment is found. 2. Public notification as per guidance from the local primary agency, and in accordance of the Safe Drinking Water Act.
Follow-up Actions	<ol style="list-style-type: none"> 1. Completion of repairs and return system to normal. 2. Report completion of repairs to W/WW Supervisor. 3. Notification of customers when well issue is resolved and water service is back to normal. 4. Update ERP as needed.

M. Hazardous materials spill in vicinity of sources or system lines

Assessment	Operator determines severity of incident along with Warm Springs Fire Department.
Immediate Actions	<ol style="list-style-type: none"> 1. This type of incident would be rare as hazardous materials are not transported within the area of the Water Treatment Plant. 2. Operator seeks guidance from the Warm Springs Fire Department. 3. Operator seeks guidance from the Warm Springs Police Department. 4. Once informed conditions are safe, assess damage, repair facilities.
Notifications	Hazmat Team to determine the severity of the leak and the need to contact others.
Follow-up Actions	<ol style="list-style-type: none"> 1. Report completion of repairs to W/WW Supervisor. 2. Update ERP as needed.

N. Electronic equipment failure

Assessment	Operator determines severity of incident.
Immediate Actions	<ol style="list-style-type: none"> 1. Bring contractor to fix controls. 2. Operate wells manually through Distribution Operators.
Notifications	Customers - through media notification protocol, notify customers of issue, anticipated low water pressure/water outages, anticipate timeline for repairs.
Follow-up Actions	<ol style="list-style-type: none"> 1. Report completion of repairs to W/WW Supervisor. 2. Customers - through media notification protocol, notify customers issue is resolved and water service is back to normal. 3. Update ERP as needed.

O. Cyber Attack

Assessment	Operator determines severity of attack along with Office of Information Systems..
Immediate Actions	<ol style="list-style-type: none"> 1. Assess damage and direct computer system repairs as needed. 2. Repair hardware components (if necessary), replace software (as necessary), and install improved electronic security as necessary.
Notifications	If determined necessary, contact local law enforcement and local primary agency.
Follow-up Actions	<ol style="list-style-type: none"> 1. Report completion of repairs to W/WW Supervisor. 2. Update ERP as needed.

P. Other

Assessment	
Immediate Actions	
Notifications	
Follow-up Actions	

Section 7. Alternative Water Sources

Intertie to adjacent water supply system

Water systems within one-quarter mile of our system	Feasibility of connecting
Shitike Creek	Water pumps, helicopter support
Tenino Creek	Fire suppression pumps (when water is available)

Alternate source(s) of water

Alternative Sources	Names	Phone	Availability	Is the Water Safe for Drinking?
Bottled water supplies for water use	WS Water Distribution Center / Emergency Management	541-777-2804	When activated Mon-Fri: 7 am - 6 pm Sat-Sun: 10 am - 3 pm	Yes
Tanker trucks in the area available to deliver bulk water for non-potable use	-Fire & Safety -Fire Management -Jefferson County Mutual Aid -Portland Water Bureau	541-553-1634 541-553-1146 911	- 24/7 (Fire & Safety) - Seasonal (Fire Management)	No (Gray Water)

Section 8. Returning to Normal Operation

Action	Description and Actions
Inspect, flush and disinfect the system	Water system operator and support staff inspect all system facilities, ensure all water quality tests have been done and the system has been flushed and disinfected as necessary. Water system operator makes a report to the W/WW Supervisor. W/WW Supervisor makes decision on current condition of the system.
Verify water quality	W/WW Supervisor verifies water quality sampling results.
Coordinate with local primary agency	W/WW Supervisor coordinates with local primary agency on system condition and water quality test results.
Notify customers	The W/WW Supervisor consults with field staff to determine necessary notices and coordinates with COO to develop and disseminate information.

Section 9. Plan Approval

Plan Approval

This plan is officially in effect when reviewed, approved, and signed by the following people:

Name/Title	Signature	Date
Adam Baron, Drinking Water Enforcement Officer, US EPA Region 10		
Alyssa Macy, Chief Operations Officer, Confederated Tribes of Warm Springs		
Travis Wells, General Manager, Branch of Public Utilities		
Carmen Smith, General Manager, Branch of Public Safety		
Chico Holliday, Water/Wastewater Supervisor, Branch of Public Utilities		